

Message

---

**From:** Strauss, Alexis [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=848EB244E96A4F04A105967EA264320B-ASTRAUSS]  
**Sent:** 7/3/2018 7:26:08 PM  
**To:** Felicia Marcus [felicia.marcus@waterboards.ca.gov]  
**Subject:** Maui sunscreen reply  
**Attachments:** EPA Region 9 Response to County of Maui Letter January 10 2018.pdf; Response to Maui County Council-oxybenzone 12-15-17.pdf

Attached is the letter we sent in response to the sunscreen inquiry from Maui. I am also attaching a response from Cheryl M. Woodley, Ph.D. Coral Health and Disease Program with the National Centers for Coastal Ocean Science NOAA. Her email is also copied below. She has researched this issue and I believe is one of our resident Federal experts. She also provided a similar letter to requests from a Hawaii state Senator last year and a state House member as well.

Please let me know if you need more information. Note, I will be out today and the rest of the week. Back in action on Monday.

Matt

**Matthew Small**, Ph.D., P.G.  
*ORD Regional Science Liaison to Region 9*  
*U.S. EPA, Pacific Southwest Region*  
415-972-3366

**Sent:** Wednesday, February 28, 2018 12:23 PM  
**To:** Small, Matthew <[Small.Matthew@epa.gov](mailto:Small.Matthew@epa.gov)>  
**Cc:** James, Duane <[James.Duane@epa.gov](mailto:James.Duane@epa.gov)>  
**Subject:** introduction and corals

Dear Dr. Small

First I'd like to introduce myself, I am with NOAA in Charleston SC. My lab focuses on issues related to coral health and disease. In this context we also conduct toxicity experiments of various types using corals, their embryos or other reef organisms including sea urchins and algae. We have conducted or collaborated on toxicity testing that range from munitions compounds, certain personal care chemicals, nutrients and crude oil. Because of my involvement with projects involving oxybenzone, I have been asked to submit testimony for legislation for the State of Hawaii and for Maui County recently. In response I've provided comments on the science related to coral reefs and the impacts of products containing oxybenzone.

Since EPA Region 9 includes Hawaii, I'm sure you are aware of the public concerns in Hawaii for coral and other marine resources and the recent concerns over certain components of sunscreens, in particular oxybenzone and a few others. I wanted to ask whether the finding of such toxicants in marine waters and the adverse effects being reported on a variety of marine life would involve actions under the Clean Water Act or not? Colleagues associated with Councilmember Cochran's office referenced you and your office as a possible contact, thus my email. So I just wanted to introduce myself and offer any information or assistance we may be able to provide.

Best Regards  
Cheryl  
Cheryl M. Woodley, Ph.D.

Coral Health and Disease Program

Key Species & Bioinformatics Branch  
Stressor Detection and Impacts Division (SDI)

National Centers for Coastal Ocean Science

National Ocean Service, National Oceanic and Atmospheric Administration

Hollings Marine Laboratory  
331 Fort Johnson Rd  
Charleston, SC 29412

**New Phone** 843-460-9805

**New Fax** 843-998-6939

Email: cheryl.woodley@noaa.gov